

Message Text

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11

ACTION PM-03

INFO OCT-01 NEA-09 ISO-00 AEC-07 FEA-01 ACDA-10 CIAE-00

INR-07 IO-10 L-02 NSAE-00 NSC-05 OES-05 /060 W

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R 140950Z FEB 75

FM AMCONSUL BOMBAY

TO SECSTATE WASHDC 5126

INFO AMEMBASSY NEW DELHI

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E.O. 11652: N/A

TAGS: ENRG IN TGEN

SUBJ: SUBSTANTIVE TEXT OF US NUCLEAR REGULATORY COMMISSION
OFFICE OF INSPECTION AND ENFORCEMENT BULLETIN

REF BOMBAY 0311

1. AS INDICATED PARA 2 REFTEL, CHAIRMAN DAE ATOMIC POWER AUTHORITY SHAH HAS SENT TO US UNDER COVER OF LETTER OF FEB 12, COPY OF THE CABLE SENT TO USERDA JOSEPH D. LAFLEUR, JR., WHICH QUOTED HERE-AFTER FOR READY REFERENCE:

QUOTE: REF YOUR CABLE INBYCY UNNY 246 WASHINGTON DC 373/366/30/1055A OF JANUARY 31 1975 AND SUBSEQUENT CORRESPONDENCE ON THE SUBJECT OF INSPECTION OF THE PRIMARY SYSTEM PIPING STOP I AM MAILING SEPARATELY DETAILED INFORMATION ON THE INSPECTIONS CARRIED OUT AT TARAPUR DURING THE LAST FIVE YEARS OF OPERATION ON THE PRIMARY SYSTEM PIPING STOP AFTER REVIEW OF THE SAME YOU MAY COMMUNICATE YOUR VIEWS REGARDING ANY FURTHER INSPECTION STOP EACH UNIT OF TARAPUR HAS THREE CORE SPRAY LINES - TWO OF SIX INCH AND ONE OF EIGHT INCH STOP THE LINES FROM THE REACTOR VESSEL TO THE FIRST ISOLATION VALVE OUTSIDE THE CONTAINMENT ARE SS 304 STOP TAPS CORE SPRAY SYSTEM IS LOW PRESSURE SYSTEM STOP EACH OF THE ABOVE THREE LINES HAS A CHECK VALVE INSIDE THE CONTAINMENT AND THUS ONLY THE PIPING BETWEEN THE REACTOR VESSEL AND THE

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CHECK VALVES SEES HIGH PRESSURE UNDER NORMAL OPERATIONS

STOP UNIT ONE CORE SPRAY PIPING EIGHT INCH SIZE WELD JOINTS
(TWO NUMBERS) AT LOOP JUST NEAR REACTOR VESSEL EXAMINED
BY LIQUID PENETRANT AND RADIOGRAPHY IN SEPTEMBER 1971
UNIT TWO CORE SPRAY PIPING EIGHT INCH WELD INSPECTED
IN JANUARY 1972 STOP RESULTS SATISFACTORY STOP
INSULATION ON REST OF THE PIPING UP TO CHECK VALVE FOR
BOTH UNITS HAS BEEN INSPECTED TO BE DRY DURING EACH
SHUTDOWN INDICATING PROBABLE ABSENCE OF LEAK IN THE
PIPING STOP IN VIEW OF THE ABOVE KINDLY LET US KNOW WHETHER
YOU RECOMMEND US TO CARRY OUT ANY FURTHER INSPECTION
STOP US DOMESTIC PLANTS HAVE PRIMARY PIPING INSULATION
NORMALLY REMOVABLE METALLIC BOX TYPE STOP TAPS LINE
INSULATION IS WITH ASBESTOS AFTER SURFACE TREATMENT ON
THE PIPING WITH SPECIFIC PAINT STOP IF ANY VOLUMETRIC
INSPECTION OF THESE PIPES IS TO BE TAKEN UP THE THERMAL
INSULATION REMOVAL AND SURFACE PREPARATION WOULD CONSUME
VERY HEAVY MANREEM DOSES SINCE THE RADIATION FIELD IN THE
AREA OF INSPECTION IS 200-400 MR/HR STOP ACCESS TO THE
PIPING IN CONTAINMENT NECK AREA IS VERY LIMITED THEREBY
INCREASING THE WORK TIME IN THE AREA STOP KINDLY SEND
US YOUR RECOMMENDATION FOR FURTHER INSPECTION STOP
WE HAVE COMMUNICATED TO YOU EARLIER REGARDING COMPLETION
OF INSPECTION ON SIX INCH PIPES LINE INSPECTION OF UNIT TWO
STOP SIMILAR INSPECTION IS PLANNED FOR UNIT ONE DURING
CURRENT OUTAGE STOP RESULTS OF INSPECTION WOULD BE
COMMUNICATED TO YOU WHEN COMPLETED. J.C. SHAH
CHAIRMAN, ATOMPOWER. END QUOTE.

2. CHAIRMAN SHAH ALSO ENCLOSED A COPY OF THE TELEX SENT TO
D.P. DUMAR OF NEW DELHI WHO HAD SOUGHT INFORMATION ON THIS
SUBJECT ON BEHALF OF "NUCLEONICS WEEK", A US PUBLICATION,
WHICH QUOTED BELOW:

QUOTE: REFULET JANUARY 31 STOP THE INFORMATION
REQUIRED IS GIVEN BELOW SERIATIM:

1. BOTH GE AND US AUTHORITIES HAVE KEPT US ADVISED
OF THE DEVELOPMENTS IN USA IN THIS REGARD STOP.

2. DESPITE CONSIDERABLE DIFFERENCES IN CONCERNED
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PIPING CONFIGURATIONS BETWEEN TARAPUR AND PLANTS
WHERE CRACKS ON RECIRCULATION BYPASS LINES WERE
OBSERVED, REQUIRED INSPECTION OF TARAPUR UNIT TWO
HAS BEEN DONE AND NO DEFECTS WERE REVEALED
STOP INSPECTION ON UNIT ONE IS PLANNED DURING THE
CURRENT REFUELLING OUTAGE STOP.

3. CLEAR INFORMATION REGARDING DEFECTS ON EMERGENCY

COOLING SYSTEM AND US NRC'S BULLETIN ON THE SUBJECT
WERE RECEIVED ONLY LAST WEEK AND A PRELIMINARY
EVALUATION HAS SINCE BEEN COMPLETED AND ARE BEING
STUDIED URGENTLY STOP.

4 AND 5. NO DEFECTS REVEALED SO FAR AS SUCH QUESTION OF ANY
CORRECTIVE ACTION DOES NOT ARISE STOP HOWEVER WE ARE
CERTAINLY CONCERNED THAT CRACKS HAVE BEEN REVEALED IN
THE US REACTORS AND ARE IN TOUCH WITH THE US
AUTHORITIES AND SUPPLIERS GENERAL ELECTRIC STOP
SOME SECTIONS OF THE CONCERNED PIPING HAVE BEEN
INSPECTED DURING GENERAL NORMAL SURVEILLANCE AND NO DEFECTS
HAVE SO FAR BEEN NOTICED STOP INSPECTIONS
CONTEMPLATED DURING THE OUTAGES TO
THE EXTENT POSSIBLE AND NECESSARY STOP. END QUOTE.
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